

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

09/844624

IF/2CE/AMDT CLAIMS AS FILED - PART I
(6-13-05)

| TOTAL CLAIMS | | (Column 1) | (Column 2) |
|----------------------------------|---------------|--------------|--------------------------|
| FOR | 12CE FEE | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 20 minus 13 = | | |
| INDEPENDENT CLAIMS | 3 minus 3 = | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| AMENDMENT A | | (Column 1) | | (Column 2) | (Column 3) |
|--|---|---|-----|---|--------------------------|
| | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** | = | |
| Independent | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| SMALL ENTITY | | OTHER THAN OR SMALL ENTITY | |
|--------------|------|-------------------------------|--------|
| RATE | FEES | RATE | FEES |
| BASIC FEE | | OR BASIC FEE | 790.00 |
| X\$ 25= | | OR X\$50= | |
| X100= | | OR X200= | |
| +180= | | OR +360= | |
| TOTAL | | OR TOTAL | 790.00 |

| SMALL ENTITY | | OTHER THAN OR SMALL ENTITY | |
|------------------|------------------------|-------------------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 25= | | OR X\$50= | |
| X100= | | OR X200= | |
| +180= | | OR +360= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| AMENDMENT B | | (Column 1) | | (Column 2) | (Column 3) |
|--|---|---|-----|---|--------------------------|
| | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** | = | |
| Independent | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| RATE | | ADDI- TIONAL FEE | |
|------------------|--|------------------------|--|
| X\$ 25= | | OR X\$50= | |
| X100= | | OR X200= | |
| +180= | | OR +360= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| AMENDMENT C | | (Column 1) | | (Column 2) | (Column 3) |
|--|---|---|-----|---|--------------------------|
| | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** | = | |
| Independent | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| RATE | | ADDI- TIONAL FEE | |
|---------|--|------------------------|--|
| X\$ 25= | | OR X\$50= | |
| X100= | | OR X200= | |
| +180= | | OR +360= | |

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2000

Application or Docket Number

10100345694
09/844624

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|---------------|--------------------------|
| TOTAL CLAIMS | 20 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 20 minus 20 = | 0 |
| INDEPENDENT CLAIMS | 3 minus 3 = | 0 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

Amend
10/04

CLAIMS AS AMENDED - PART II

| AMENDMENT A | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|---------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | 20 | Minus | 20 = 0 |
| Independent | 3 | Minus | 3 = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

IFP
1-26-04

| AMENDMENT B | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|---------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | 20 | Minus | 23 = 0 |
| Independent | 3 | Minus | 3 = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| AMENDMENT C | (Column 1) | (Column 2) | (Column 3) |
|--|----------------------------------|------------------------------------|---------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | | Minus | = |
| Independent | | Minus | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 2.

* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

| SMALL ENTITY TYPE | OTHER THAN SMALL ENTITY |
|-------------------|-------------------------|
| RATE | FEES |
| BASIC FEE | 355.00 |
| OR | BASIC FEE 710.00 |
| X\$ 9= | |
| OR | X\$18= |
| X40= | |
| OR | X80= |
| +135= | |
| OR | +270= |
| TOTAL | |
| OR | TOTAL 710.0 |

| SMALL ENTITY | OTHER THAN SMALL ENTITY |
|-----------------|-------------------------|
| RATE | ADDITIONAL FEE |
| X\$ 9= | |
| OR | X\$18= |
| X40= | |
| OR | X80= |
| +135= | |
| OR | +270= |
| TOTAL ADDT. FEE | |
| OR | TOTAL ADDT. FEE |

| AMENDMENT B | ADDITIONAL FEE | AMENDMENT C | ADDITIONAL FEE |
|-----------------|-----------------|-----------------|-----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$ 9= | |
| OR | X\$18= | OR | X\$18= |
| X40= | | X40= | |
| OR | X80= | OR | X80= |
| +135= | | +135= | |
| OR | +270= | OR | +270= |
| TOTAL ADDT. FEE | | TOTAL ADDT. FEE | |
| OR | TOTAL ADDT. FEE | OR | TOTAL ADDT. FEE |

| AMENDMENT C | ADDITIONAL FEE |
|-----------------|-----------------|
| RATE | ADDITIONAL FEE |
| X\$ 9= | |
| OR | X\$18= |
| X40= | |
| OR | X80= |
| +135= | |
| OR | +270= |
| TOTAL ADDT. FEE | |
| OR | TOTAL ADDT. FEE |